

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/14258

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08K5/00 // (C08K5/00, 5:13, 5:527, 5:372)

According to International Patent Classification (IPC) or to International Classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 200138 Derwent Publications Ltd., London, GB; Class A17, AN 2001-365817 XP002243985 & RU 2 166 217 C (REAL SERVICE CABLE CORP) , 27 April 2001 (2001-04-27) abstract ---	1-4, 6-10, 12, 14, 16, 18
X	EP 0 330 256 A (ENICHEM SINTESI) 30 August 1989 (1989-08-30) examples claims 1, 4, 5, 8, 9 ---	1-10, 14-18
X	US 6 274 678 B1 (SHINOZAKI TETSUNORI ET AL) 14 August 2001 (2001-08-14) table 3 ---	1-3, 5-9, 11-16, 18, 19



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

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Date of the actual completion of the international search

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 827 979 A (IDEMITSU KOSAN CO) 11 March 1998 (1998-03-11) claims 1,5,19 ---	1-3,5-9, 14,18
X	EP 0 450 304 A (MITSUI PETROCHEMICAL IND) 9 October 1991 (1991-10-09) claims 6,8 ---	1-3,5-9, 12,14, 16,18
X	US 5 298 540 A (PAUQUET JEAN-ROCH ET AL) 29 March 1994 (1994-03-29) claims 1,6,10 ---	1-3,5-9, 12,14, 18,19
X	EP 0 423 346 A (MITSUI PETROCHEMICAL IND) 24 April 1991 (1991-04-24) claim 5 ---	1-3,5-9, 12,14, 16,18,19
X	EP 0 343 863 A (MITSUI PETROCHEMICAL IND) 29 November 1989 (1989-11-29) claims 1,2,8 ---	1-10,12, 14,16-19
X	EP 0 227 948 A (BORG WARNER CHEMICALS INC) 8 July 1987 (1987-07-08) claims 1-17 ---	1-3,5,6, 8,9,12, 14,16-18
X	EP 0 115 885 A (STAMICARBON) 15 August 1984 (1984-08-15) claims 1-9 -----	1-10,12, 14,18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/11258

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
RU 2166217	C	27-04-2001	RU	2166217 C1		27-04-2001
EP 0330256	A	30-08-1989	IT	1215943 B	22-02-1990	
			AT	184299 T	15-09-1999	
			AU	3015989 A	24-08-1989	
			BR	8900908 A	24-10-1989	
			CA	1330483 A1	05-07-1994	
			DE	68929067 D1	14-10-1999	
			DE	68929067 T2	24-02-2000	
			EP	0330256 A2	30-08-1989	
			JP	1282228 A	14-11-1989	
			JP	7119318 B	20-12-1995	
			KR	9202870 B1	06-04-1992	
			MX	169560 B	12-07-1993	
			RU	2054017 C1	10-02-1996	
			US	5155153 A	13-10-1992	
			ZA	8901114 A	29-11-1989	
US 6274678	B1	14-08-2001	US	2002006993 A1	17-01-2002	
			US	6284857 B1	04-09-2001	
			US	2002032296 A1	14-03-2002	
EP 0827979	A	11-03-1998	JP	8302117 A	19-11-1996	
			DE	69619669 D1	11-04-2002	
			DE	69619669 T2	29-08-2002	
			EP	0827979 A1	11-03-1998	
			US	6214909 B1	10-04-2001	
			WO	9635752 A1	14-11-1996	
EP 0450304	A	09-10-1991	AT	137512 T	15-05-1996	
			AT	161554 T	15-01-1998	
			CA	2037002 A1	28-08-1991	
			CN	1054425 A ,B	11-09-1991	
			CN	1064689 A ,B	23-09-1992	
			CN	1064690 A ,B	23-09-1992	
			CN	1064489 A ,B	16-09-1992	
			CS	9100490 A2	15-10-1991	
			DE	69119132 D1	05-06-1996	
			DE	69119132 T2	02-10-1996	
			DE	69128546 D1	05-02-1998	
			DE	69128546 T2	14-05-1998	
			DK	450304 T3	17-06-1996	
			DK	630916 T3	04-05-1998	
			EP	0450304 A2	09-10-1991	
			EP	0630916 A2	28-12-1994	
			ES	2088784 T3	16-09-1996	
			ES	2111815 T3	16-03-1998	
			GR	3019812 T3	31-08-1996	
			GR	3026040 T3	30-04-1998	
			HK	216296 A	27-12-1996	
			JP	3296512 A	27-12-1991	
			KR	9403955 B1	09-05-1994	
			PL	289219 A1	24-08-1992	
			RO	107954 B1	31-01-1994	
			SG	42919 A1	17-10-1997	
			SG	65030 A1	25-05-1999	
			RU	2091401 C1	27-09-1997	
			US	5290896 A	01-03-1994	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/11258

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 0450304	A	JP 3296510 A		27-12-1991
		AT 138082 T		15-06-1996
		CA 2037025 A1		28-08-1991
		CS 9100491 A2		15-10-1991
		DE 69119447 D1		20-06-1996
		DE 69119447 T2		17-10-1996
		EP 0444606 A1		04-09-1991
		HK 2161196 A		27-12-1996
		JP 4249557 A		04-09-1992
		KR 9309263 B1		25-09-1993
		PL 289217 A1		24-08-1992
		PL 168645 B1		29-03-1996
		PL 167983 B1		30-12-1995
		RO 107953 B1		31-01-1994
		SG 43726 A1		14-11-1997
		RU 2095375 C1		10-11-1997
		US 5324805 A		28-06-1994
		JP 4249558 A		04-09-1992
		JP 4249559 A		04-09-1992
		JP 4249560 A		04-09-1992
		CN 1055368 A , B		16-10-1991
US 5298540	A	29-03-1994	CA 2063970 A1	28-09-1992
			DE 59209680 D1	02-06-1999
			EP 0506614 A2	30-09-1992
			ES 2132114 T3	16-08-1999
			JP 3248002 B2	21-01-2002
			JP 5132577 A	28-05-1993
EP 0423346	A	24-04-1991	AT 192471 T	15-05-2000
			CA 2025021 A1	13-07-1990
			DE 69033537 D1	08-06-2000
			DE 69033537 T2	11-01-2001
			EP 0423346 A1	24-04-1991
			EP 0652253 A2	10-05-1995
			ES 2147582 T3	16-09-2000
			WO 9008173 A1	26-07-1990
			JP 2851942 B2	27-01-1999
			KR 9200170 B1	09-01-1992
			US 5395869 A	07-03-1995
EP 0343863	A	29-11-1989	AT 109815 T	15-08-1994
			CA 1334459 A1	14-02-1995
			CN 1039432 A	07-02-1990
			DE 68917374 D1	15-09-1994
			DE 68917374 T2	01-12-1994
			EP 0343863 A2	29-11-1989
			JP 2049044 A	19-02-1990
			KR 9108782 B1	21-10-1991
			JP 2043235 A	13-02-1990
			JP 2043237 A	13-02-1990
			JP 2077456 A	16-03-1990
			JP 2043239 A	13-02-1990
			JP 2043240 A	13-02-1990
			JP 2049045 A	19-02-1990
			JP 2043241 A	13-02-1990
EP 0227948	A	08-07-1987	DE 3688241 D1	13-05-1993

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/11258

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 0227948	A	DE	3688241 T2	16-09-1993
		EP	0227948 A2	08-07-1987
		JP	7107112 B	15-11-1995
		JP	62174244 A	31-07-1987
		KR	9502555 B1	21-03-1995
EP 0115885	A	15-08-1984	NL	8300064 A
			EP	0115885 A1
				01-08-1984
				15-08-1984